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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/683,881	10/10/2003	Anatoliy Panasyuk	2006579-0432 (CTX-084)	7849
69665 7590 12/11/2007 CHOATE, HALL & STEWART / CITRIX SYSTEMS, INC. TWO INTERNATIONAL PLACE BOSTON, MA 02110			EXAMINER CHANG, JUNGWON	
			ART UNIT 2154	PAPER NUMBER
			MAIL DATE 12/11/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication..

Office Action Summary	Application No. 10/683,881	Applicant(s) PANASYUK ET AL.	
	Examiner Jungwon Chang	Art Unit 2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 November 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11,12 and 56-58 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11,12 and 56-58 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to Applicant's election of claims 11-12 and 56-58.

Claims 1-10 are withdrawn and claims 13-55 and 59-91 have been canceled.

Claims 11-12 and 56-58 are presented for examination.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 11-12 and 56-58 are rejected under 35 U.S.C. 103(a) as being unpatentable over Crump et al. (US 6,484,206), hereinafter Crump, Jones et al, (US 7,010,300), hereinafter Jones.

4. As to claims 11 and 56, Crump discloses the invention as claimed, including a method for providing a client with a reliable connection to a host service (col. 1, lines 37-39), the method comprising:

establishing a first connection between the client and a first protocol service using a first protocol (fig. 4A; col. 4, lines 37-50), the first protocol for encapsulating a plurality of secondary protocols (col. 8, line 41 – col. 9, line 2);

establishing a second connection between the first protocol service and the host

service using one of the plurality of secondary protocols (fig. 4A; col. 4, lines 51-59);

maintaining a queue of data packets most recently transmitted via the first connection on at least one of the client and the first protocol service; and

upon failure of the first connection (col. 4, lines 5-33, "upon detecting of a failure"):

establishing a third connection between the client and the first protocol service using the first protocol (col. 4, lines 5-33, "reestablishing connection").

5. Crump discloses detecting the first connection failure (col. 4, lines 5-33, "upon detecting of a failure"). However, Crump does not specifically disclose maintaining the second connection upon failure of the first connection and continuing to maintain the queue of data packets most recently transmitted via the first connection. Jones discloses maintaining the second connection upon failure of the first connection (col. 4, lines 28-58, "when handing-off an ongoing communication session") and continuing to maintain the queue of data packets most recently transmitted via the first connection (col. 30, lines 10-64). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Crump and Jones because Jones' teachings would seamlessly transmit first protocol data via the second connection using the second protocol (Jones, col. 12, lines 13-51).

6. As to claim 12, Crump discloses further comprising transmitting at least one of the queued data packets via the third connection (col. 4, lines 5-33, "reestablishing

connection").

7. As to claim 57, Crump discloses wherein the client is further configured to transmit at least one of the queued data packets via the third connection (col. 4, lines 5-33, "reestablishing connection").

8. As to claim 58, Crump discloses wherein the first protocol service is further configured to transmit at least one of the queued data packets via the third connection (col. 4, lines 5-33, "reestablishing connection").

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Kelly et al, US 2005/0002417, Chin, 2005/0015507, Masushige et al, US 7,212,962 disclose a method and system for receiving a message from a source module in a first protocol, encapsulating the message within transmission units of a second protocol, and transmitting the encapsulated message via the second protocol.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jungwon Chang whose telephone number is 571-272-3960. The examiner can normally be reached on 6:30-2:00 (Monday-Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's


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supervisor, Nathan J. Flynn can be reached on 571-272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

December 7, 2007


JUNGWON CHANG
PRIMARY EXAMINER
TECHNOLOGY CENTER 2100